



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-6760

AUGUST 17, 1982

APPLICATION RECEIVED: 06/29/82

PERMIT NUMBER: 821304-03160030

PERMIT ISSUED TO: CID CORPORATION

P.O. BOX 1306

CALUMET CITY, IL 60409

WASTE STREAM NUMBER: 821304

PERMIT EXPIRES: 08/11/85

WASTE MGMT OF IL

P.O. BOX 1296

CALUMET CITY, IL 60409

WASTE NAME: TERMINAL TREATMENT PLANT SLUDGE

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/CID #2

EPA SITE NO.: 03160030

ANNUAL VOLUME AUTHORIZED:

14,750 CUBIC YARDS

DISPOSITION OF WASTE:

BULK WASTE (SOLID, LIQUID, POWDER, OR SLUDGE) MIXED WITH DAILY RECEIPT
OF REFUSE ABOVE GRADE (CO-DISPOSAL)

ATTENTION: CHUCK EPSTEIN

EPA GENERATOR NO.: 91904900856

WASTE GENERATOR: JAMES S. LAUGHLIN

3001 DICKEY ROAD

EAST CHICAGO, IL 60632

SPECIAL CONDITIONS:

DISPOSAL OF BULK LIQUIDS AT THIS SITE IS CURRENTLY SUBJECT TO FEDERAL
AND STATE REQUIREMENTS STATED IN 40 CFR 265.314 (A) AND PCB 35 ADMIN. CODE
725.414 (A).

TEC:PNJ

THOMAS E. CAVANAGH, JR.

CC: JAMES S. LAUGHLIN

REGION 5

by Terry E. Ayers
MANAGER, PERMIT SECTION

DIVISION OF LAND POLLUTION CONTROL

US EPA RECORDS CENTER REGION 5



435300

SALES

CODE

A 43294

WASTE PROFILE SHEET CODE



GENERATOR'S WASTE MATERIAL PROFILE SHEET

GENERAL DIRECTIONS: In order for us to determine whether we can lawfully, safely and environmentally transport, store, treat or dispose of your waste stream, we must ask certain information about your waste. All of the information we seek is necessary, for our purposes and yours. Be complete in your answers: If your response is "none," so indicate. Answers must be in ink or typewritten. Information you provide will be maintained in strictest confidence. Please make a copy of this form for your records, returning the original to the location indicated below.

THIS FORM AND ANY SUPPLEMENTAL INFORMATION SHOULD BE RETURNED TO:

1. GENERATOR NAME Jones & Laughlin Steel Corp.
2. GENERATING FACILITY NAME/ADDRESS/USEPA FACILITY I.D. NUMBER (IF ANY): IND005462601
3001 Dickey Road
East Chicago, IN 46312
3. COMPANY CONTACTS:

| | | Wastewater | |
|-----------|----------------------|--------------------------|---------------------------|
| GENERAL | <u>Bob Svilar</u> | TITLE <u>Foreman</u> | PHONE <u>219-391-2434</u> |
| | | TITLE _____ | PHONE _____ |
| TECHNICAL | <u>Chuck Epstein</u> | TITLE <u>Envr. Engr.</u> | PHONE <u>219-391-2578</u> |
| | | TITLE _____ | PHONE _____ |
4. WASTE NAME Terminal Treatment Plant Sludge
5. PROCESS GENERATING WASTE Terminal Treatment Plant
6. WASTE CHARACTERISTICS.
 - A. PHASES/LAYERS: BILAYERED ☒ MULTILAYERED ☐ NONE ☐
 - B. PHYSICAL STATE AT 70°F. SOLID ☐ SEMI-SOLID ☒ LIQUID ☐
POWDER ☐ OTHER: _____
 - C. SOLIDS: TOTAL (%): 25-50% TOTAL DISSOLVED (ppm or %): NR*
 - D. SPECIFIC WEIGHT (AS # PER UNIT): 11 #/gal.
 - E. pH NR (Show the following as range of %)

| | | | |
|------------------------------------|------------|--------------------------------|------------|
| AS: H ₂ SO ₄ | <u>-</u> % | H ₃ PO ₄ | <u>-</u> % |
| HCl | <u>-</u> % | NaOH | <u>-</u> % |
| HF | <u>-</u> % | NH ₄ OH | <u>-</u> % |
| HNO ₃ | <u>-</u> % | Ca(OH) ₂ | <u>-</u> % |
| OTHER: | <u>-</u> % | | <u>-</u> % |
| | <u>-</u> % | | <u>-</u> % |
 - F. FLASH POINT: NR °F (CLOSED CUP TEST ONLY)
 - G. VAPOR PRESSURE (in mm of Hg at 25°C): NR
 - H. BTU PER #: NR ASH CONTENT NR %
 - I. CHARACTERISTIC COLOR Dark Brown DISTINCTIVE ODOR Septic
 - J. HALOGENATED? NO % SULFONATED? NO %
 - K. ALPHA RADIATION AS pCi/l. NO

* NR means not run

7. WASTE COMPOSITION:

A. ORGANIC COMPONENTS (WITH RANGES — INDICATE WHETHER % OR ppm)

phenol 0.00005 — 0.0016 %

(ATTACH ADDITIONAL PAGES IF NECESSARY)

DOES THIS WASTE CONTAIN ENDRIN, LINDANE, METHOXYCHLOR, TOXAPHENE, 2,4-D, 2,4,5-TP SILVEX, OR ANY OTHER ORGANIC COMPOUNDS LISTED BY USEPA AT 40 CFR 261.247 NO IF SO, PLEASE NOTE ABOVE.

B. HEAVY METALS (WITH ppm RANGES):

| TOTAL | TOTAL LEACHABLE | TOTAL | TOTAL LEACHABLE |
|-------|-----------------|------------|-----------------|
| Ag NR | 0.03-0.04 EP | Hg NR | <0.0005 EP |
| As NR | <0.001 EP | Ni NR | NR |
| Ba NR | 0.65-2.1 EP | Pb NR | <0.03-0.4 EP |
| Cd NR | 0.02-0.03 EP | Se NR | <0.002 EP |
| Cr NR | 0.04 EP | Zn 17-8000 | NR |
| Cu NR | NR | | |

Other (ATTACH ADDITIONAL PAGES)

(IF YOU HAVE DETERMINED TOTAL LEACHABLES USING USEPA'S "EP TOXICITY TEST PROCEDURE" — AT 40 CFR, PART 261, APPENDIX II — SO INDICATE BY MARKING "EP" AFTER THE RESULT SHOWN ABOVE.)

C. INORGANIC COMPONENTS (WITH % RANGES):

OTHER

| | | | |
|---------------|------------------|--------------|---------------|
| TOTAL CYANIDE | 0.0014 — 0.004 % | Oil & Grease | 1.14 — 7.04 % |
| FREE CYANIDE | NR — % | | — % |
| SULFIDE AS: | NR — % | | — % |
| BISULFITE AS: | NR — % | | — % |
| SULFITE AS: | NR — % | | — % |

(ATTACH ADDITIONAL PAGES IF NECESSARY)

D. DOES THIS WASTE STREAM CONTAIN BIOLOGIC MATERIALS, PATHOGENS, OR ETIOLOGICAL AGENTS? NO IF SO, ATTACH ADDITIONAL PAGES DESCRIBING SUCH MATERIALS.

E. IS THE WASTE A PESTICIDE OR PRODUCED BY A PESTICIDE MANUFACTURING PROCESS? NO IF SO, INDICATE WHETHER IT CONTAINS:

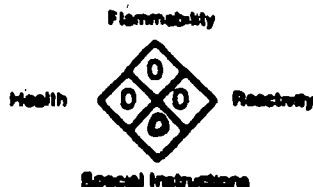
- ☐ ORGANOPHOSPHATES — CONTAINING SULFUR ☐ YES ☐ NO
- ☐ CARBAMATES
- ☐ CHLORINATED HYDROCARBONS

8. HAZARDOUS COMPONENTS AND CHARACTERISTICS

A. HAZARDOUS PROPERTIES (INSERT NUMBER CODES PER INSTRUCTIONS ON LAST PAGE)

(1) TOXICITY RATING: INHALATION 0 DERMAL 0 ORAL 1

(2) HAZARD IDENTIFICATION SYSTEM:



B. LIST ANY OTHER ACUTE OR CHRONIC HAZARDS ASSOCIATED WITH OR ALLEGED TO BE ASSOCIATED WITH HUMAN CONTACT WITH OR EXPOSURE TO THE WASTE: NONE

9. REGULATORY CLASSIFICATION OF WASTE

A. IS THIS WASTE A "HAZARDOUS MATERIAL" AS DEFINED BY REGULATIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION PURSUANT TO THE HAZARDOUS MATERIALS TRANSPORTATION ACT? NO
(SEE 49 CFR 172.101 AND 173 FOR "HAZARDOUS MATERIALS" LIST AND CHARACTERISTICS.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) CORRECT SHIPPING DESCRIPTION: _____
(2) HAZARD CLASS(ES): _____
(3) MATERIAL I.D. NO.(S) _____

B. DOES THIS WASTE CONTAIN ANY "HAZARDOUS SUBSTANCE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT? NO
(SEE 40 CFR 117 FOR "HAZARDOUS SUBSTANCES" AND CATEGORIES.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) THE NAMES OF EACH HAZARDOUS SUBSTANCE PRESENT IN THE WASTE, THE HAZARD CATEGORY (X, A, B, C, OR D) AND THE APPROXIMATE CONCENTRATION OF THE SUBSTANCE BY WEIGHT IN THE WASTE:

(ATTACH ADDITIONAL PAGES IF NECESSARY)

C. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 3001 OF THE RESOURCE CONSERVATION AND RECOVERY ACT? NO (SEE 40 CFR, PART 261 FOR WHAT IS A "HAZARDOUS WASTE.") IF SO, STATE:

- (1) THE USEPA HAZARDOUS WASTE NUMBER(S): _____
(2) DO YOU CLAIM TO BE A SMALL QUANTITY GENERATOR? _____ (SEE 40 CFR 261.5.)

D. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY THE ENVIRONMENTAL REGULATORY AGENCY IN YOUR STATE? NO IF SO, STATE WHY IT IS SO DEFINED AND ANY STATE HAZARDOUS WASTE CODE NUMBERS ASSIGNED. _____

10. IS THE INFORMATION PROVIDED IN SECTIONS 6-9 BASED UPON LABORATORY ANALYSIS OF THE WASTE MATERIAL? yes IF SO, PLEASE ADVISE OF THE DATE OF THE MOST RECENT ANALYSIS: 8-4-81

11. HAVE YOU OBTAINED TOXICITY STUDIES OF THIS WASTE STREAM? NO IF SO, PLEASE ATTACH A COPY OF THE RESULTS.

12. QUANTITY/SHIPPING REQUIREMENTS:

ANTICIPATED VOLUME IS 284

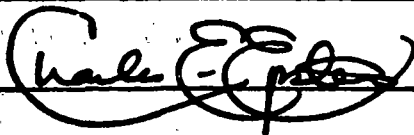
GALLONS ☐ TONS ☐ CUBIC YARDS ☒ DRUMS ☐ OTHER ☐ _____

PER: DAY ☐ WEEK ☒ MONTH ☐ YEAR ☐ ONE TIME ☐

TRANSPORTATION EQUIPMENT REQUIRED: _____

SERVICE/SCHEDULING REQUIREMENTS: _____

GENERATOR'S
AUTHORIZED SIGNATORY.



TITLE Env. Eng. DATE 7-23-82

CONFIDENTIALITY AGREEMENT: _____

as consideration for the Generator's release of the above information, and any other supplemental data provided, agree to treat such information as confidential property and will not disclose such information to others except as is required by law, and in such circumstances only after first giving notice to the Generator.

By: _____
Name

Title

STATE OF INDIANA



INDIANAPOLIS, 46206

ENVIRONMENTAL MANAGEMENT BOARD

1330 West Michigan Street
P. O. Box 1964

JUL 22 1982

Mr. Jerry Wise
Indiana Waste Systems, Inc.
P.O. Box 181
Wheeler, IN 46393

Dear Mr. Wise:

Re: Disposal of Terminal Treatment Plant
Sludge from Jones & Laughlin Steel Corp.
East Chicago, Indiana

This letter acknowledges the request for disposal dated June 29, 1982, from Waste Management, Inc., Oak Brook, Illinois.

Approval is hereby granted for disposal of 285 cubic yards per week of terminal treatment plant sludge at the Wheeler Landfill, OPP. No. 64-3, Porter County. The waste is to be mixed with solid waste and covered with a minimum of 6 inches of cover soil by the end of the working day.

The approval is granted subject to the following conditions:

1. The generator and/or hauler must contact you to notify you of the time of disposal and conditions of shipment.
2. If nuisance or pollution conditions are created, immediate corrective action will be taken by the operator.
3. No free liquids can be accepted.
4. This approval will expire July 31, 1983.

This approval will be revoked if the landfill fails to maintain compliance with 320 IAC 5-1, et seq. (Regulation SPC-18). Any necessary local approval must be obtained from the Porter County Health Department.

If you have any questions, please contact Mrs. Mary Janet Ruzicka of the Solid Waste Management Branch at 317/633-8527.

Very truly yours,

Ralph C. Pickard
Technical Secretary

MJR

cc: Mr. William Schubert, Waste Management, Inc.
Jones & Laughlin Steel Corp.
Mr. Jack Slaboski, Industrial Disposal Corp.
Porter County Health Department



Chemical Waste Management, Inc.
P.O. Box 1288 • Calumet City, Illinois 60440 • 312/591-1888
1288th Street and Calumet Expressway

**FOR OFFICE USE ONLY
SAMPLE INFORMATION**

Date Rec'd. _____
Date Logged _____
Rec'd. By _____
CWM Lab No. _____

CONTACT REPORT

Date April 23, 1982

WASTE GENERATOR

Name Jones & Laughlin Steel Corp.
Address 3001 Dickey Road
City East Chicago County Lake State Indiana Zip 46312
SIC Code (Standard Industrial Classification) 3312 Ill. E.P.A. Generator No. 91808900850 USEPA # IND005462601
General Contact Bob Svilar Title Foreman Phone: A.C. (219) 391-2434
Technical Contact Chuck Epstein Title Envr. Engr Phone: A.C. (219) 391-2578
Waste Identification: Terminal Treatment Plant Sludge
Solid _____ Semi-Solid X Liquid _____ Other _____
Type of Process Solids removal through vacuum filtration
Waste Volume & Frequency 284 cu. yds./week Bulk ☒ Drums ☐
Actions Indicated: Analyze ☐ Permitted ☒ Landfill Site Requested CID & Wheeler

HAULER:

Name Industrial Disposal Corp.
Address P.O. Box 59
City East Chicago County Lake State Indiana Zip 46312
Phone: Area Code (219) 397-2664 Contact Person Dan McArdle
IKPA
Hauler Registration No. 04021001-100 USEPA # IND004250587

NOTE: All above information to be completed prior to any action taken. Incomplete reports or improper samples will be disposed of after 15 days.

Applicant to be responsible for payment of necessary laboratory and permitting fees.

Signature Charles [Signature]
Title Environmental Engineer